CLAIMS

1. A lead storage battery including:

an electrode plate pack comprising a plurality of negative electrode plates which each comprise a negative electrode grid having a tab and a negative electrode active material layer retained by said negative electrode grid, a plurality of positive electrode plates which each comprise a positive electrode grid having a tab and a positive electrode active material layer retained by said positive electrode grid, and a plurality of separators separating said positive electrode plate and said negative electrode plate;

a positive electrode connecting member comprising a positive electrode strap to which said tab of each positive electrode plate of the electrode plate pack is connected, and a positive electrode pole or a positive electrode connecting body provided at said positive electrode strap; and

a negative electrode connecting member comprising a negative electrode strap to which said tab of each negative electrode plate of the electrode plate pack is connected, and a negative electrode pole or a negative electrode connecting body provided at said negative electrode strap,

wherein said positive electrode grid, said negative electrode grid, said positive electrode connecting member, and said negative electrode connecting member comprise a Pb-alloy including at least one of Ca and Sn, and

said negative electrode active material layer includes 0.0001 to 0.003 wt% of Sb, and includes 0.01 to 2 wt% of condensate of bisphenol and aminobenzene sulfonic acid derivative.

2. The lead storage battery in accordance with claim 1, wherein Sb content in said negative electrode active material layer is 0.0001 to 0.001 wt%.

3. The lead storage battery in accordance with claim 1, wherein said separator comprises a fiber having resistance to acids.

4. The lead storage battery in accordance with claim 3, wherein said fiber is a glass fiber or a synthetic fiber.